ISSUE SLIP STAPLE AREA (for additional cross references)

| SEC DETERMINATION         |     |       |         |
|---------------------------|-----|-------|---------|
| FEE DETERMINATION         | (L) | AS31  | 1       |
| O.I.P.E. CLASSIFIER       |     | 111   | 01/1    |
| FORMALITY REVIEW          |     | 72121 | 7/6     |
| RESPONSE FORMALITY REVIEW |     | 10109 | 4/22/00 |

## INDEX OF CLAIMS

| Rejected  Rejected  Allowed  (Through numeral) Canceled  Restricted | N         Non-elected           I         Interference           A         Appeal           O         Objected |
|---|--|
|---|--|

|          |          |           | <del>-</del> |                |              |           |              |              |          |          |           | *****    | Hestricted ( |          |          |              |          |          |              |         |           | O Objected |              |           |                     |          |          |          |          |               |          |          |   |
|----------|----------|-----------|--------------|----------------|--------------|-----------|--------------|--------------|----------|----------|-----------|----------|--------------|----------|----------|--------------|----------|----------|--------------|---------|-----------|------------|--------------|-----------|---------------------|----------|----------|----------|----------|---------------|----------|----------|---|
|          | C        | Date Date |              |                |              |           |              | Claim D      |          |          |           |          |              |          | Da       | te           |          | _        | /            | _       | Claim     |            |              |           |                     |          |          |          |          |               |          |          |   |
| •        | Eng.     | Series C  | 2            |                | 1            | 50/5/11   |              |              |          |          |           |          |              |          | Original |              |          |          |              |         |           |            | /            | /         |                     |          |          | Original |          |               |          |          | - |
|          | -        | C         | +            | 쒸              | +            | +         | +            | +            | $\dashv$ | +        | +         |          | 4            | -        | 52       | _            | +        | +        | 4            |         |           | L,         | _            | L         |                     |          |          | 101      |          | $\exists$     | I        |          |   |
|          | 3        |           | H            | Н              | +            | +         | $\forall$    | +            | +        | +        | $\dashv$  | +        | -            | -        | 53       |              | ╁        | +-       | +            | -#      |           | 1          | -            | -         | $\vdash \downarrow$ | 4        | L        | 102      | 4        | 4             | 4        | $\Box$   |   |
|          | 匚        | Ŀ         |              |                | I            | _         | Ī            | $\top$       | _        | ┪        | $\forall$ | +        | 7            | H        | 54       |              | +        | $^{+}$   | ╅            | ┥       | -         | γ-         | -            | -         | $\dashv$            | $\dashv$ | ⊢        | 103      | -        | $\rightarrow$ | 4        | 4        |   |
|          | L        | 1         |              | Ц              | $\perp$      | I         | $\Box$       | $\Box$       | 1        |          |           | $\top$   |              |          | 55       | 1            | ┪        | †        | $\dagger$    | 7       | 7         | ┢          | -            | -         | -                   | +        | ┢        | 105      | -        | +             | +        | -        | _ |
|          | _        | Ц         |              | Ц              | 4            | 4         | 4            | $\perp$      | 4        | 4        |           | $\perp$  |              |          | 56       |              | Ι        |          |              | ٦       | 7         | _          |              | Н         | _                   | 7        | ┢        | 106      | +        | +             | +        | +        | - |
| i        | <u> </u> | Н         | 4            | Ņ              | +            | +         | 4            | 4            |          | 4        | 4         | 4        | 4            |          | 57       |              | I        | I        | I            | _       |           |            |              |           |                     |          |          | 107      | $\neg$   | 十             | 十        | $\dashv$ | - |
|          | -        | H         | Н            | +              | +            | +         | +            |              | +        | +        |           | +        | -            | -        | 56       |              | ╀        | 4        | 4            | 1       | _         | _          |              |           | $\exists$           | _        |          | 108      |          |               | _        | _        | - |
| ٠        |          | 1         | Н            | +              | ╅            | ╁         | +            | +            | +        | +        | +         |          | -            | -        | 59<br>60 |              | +        | -        | +            | /       |           | _          | _            |           | 4                   | _        | L        | 109      |          | $\perp$       | $\perp$  |          | • |
| Ì        | _        | П         | 1            | $^{\dagger}$   | +            | $\dagger$ | +            | +            | ╅        | +        | +         | +-       | -            | -        | 61       |              | ╁        | ╁        | +/           | 4       |           | -          | _            |           |                     | 4        | -        | 110      | 4        | 4             | 4        | _        | _ |
| ۱        | _        | 7         | Ι            | I              |              | 1         | $\top$       | 7            | †        | $\top$   | +         | +        | 1            | -        | 62       | _            | ╁        | ╁        | +            | +       | -         | _          | $\neg$       | -         | -+                  | -        | $\vdash$ | 111      | +        | +             | -        | -        | _ |
| 1        |          | 1         | Ш            |                | $\perp$      | Ι         | $\perp$      |              |          | I        | 1         | 1        | 1            |          | 63       |              | T        | †        | $^{\dagger}$ | +       | 7         |            | $\dashv$     | -         | +                   | $\dashv$ | -        | 113      |          | -             | +        | -        | _ |
| ļ        | _        | 1         | Ц            | 4              | $\downarrow$ | 4         | $\perp$      | ┵            | $\perp$  | $\perp$  |           |          |              |          | 64       |              |          | Τ.       | / -          | T       |           |            | 7            | 7         | ╅                   | $\dashv$ | -        | 114      | +        | 十             | +        | +        | - |
| ŀ        | _        | 1         |              | 4-             | 4            | 4         | 4            | 4            | 4        | 4        | 1         | $\perp$  | ]            |          | 65       |              | L        | II       | I            | 1       |           |            |              |           | _                   | 7        | $\vdash$ | 115      | +        | +             |          | +        | - |
| -        |          | H<br>V    |              | ٩.             | 1 :          | +         | +            | -            | +        | +        | 4         | ╀.       | -            | <u>_</u> | 66       | L            | 7        | ₩.       | $\perp$      | $\perp$ | $\exists$ |            |              |           | $\Box$              |          |          | 116      |          | 十             | 十        | 十        | - |
| ŀ        | ī        | 18        |              | +              |              | 1         | +            | +            | +        | +        | +-        | +        | +            | -        | 67<br>68 | _            | ┼        | ₽.       | $\perp$      | 4       | 4         | 4          | 4            | 4         | _ _                 | _        |          | 117      |          |               | I        |          | - |
| ı        | 3,       | 19        |              | ₩              | +            | ╫         | +            | +-           | +        | +        | ╁         | ╁        | ┨            | $\vdash$ | 69       | <del> </del> | +-       | ╀        | ╁            | +       | $\dashv$  |            |              | 4         | +                   | 4        | $\perp$  | 118      | 4        | 4             | 1        | $\perp$  |   |
| 1        |          | 20        | r            | 11             | †            | ⇈         | $\dagger$    | $^{+}$       | +        | ╁        | +         | ╁        | 1            | $\vdash$ | 70       | -            | ┢        | ╁        | ╁            | +       | -+        | -          | +            | 4         | +                   | 4        | $\vdash$ | 119      | 4        | $\perp$       | 4        | 4        |   |
| Ì        | 5        | 21        | T            | #              | 1            | ╫         | +            | ╅            | +        | +        | +         | +        | -            | -        | 71       | -            | ├        | ╁        | ╁            | +       | +         | -          | -+           | $\dashv$  | +                   | 4        | $\vdash$ | 120      |          | $\perp$       | 4        | 4        |   |
| Ĺ        | 6        | 22        |              | 1              | П            | Т         | 1            | $^{\dagger}$ | $^{+}$   | 1        | 1         | 十        | 1            | Н        | 72       | -            | ╁        | ┢        | +            | +       | +         | +          | $\dashv$     | +         | +                   | ┪        | -        | 121      | +        | +             | - -      | - -      | _ |
|          |          | 23        |              | $\blacksquare$ | П            | Ι         | I            |              | I        | T        |           |          | 1            | _        | 73       |              | 1        | 卜        | $^{\dagger}$ | †       | $\dagger$ | 7          | +            | +         | ╅                   | ┪        | -        | 123      | +-       | +             | +-       | +        |   |
| ļ        | 3        | 24        | L            | #              | 44           | Ļ         | 1            | 1            | L        | Ι        |           |          |              |          | 74       |              |          | Ī        |              | †       | 7         | 7          | ヿ            | +         | -†-                 | 1        | 1        | 124      | +        | ╁             | ╁        | +-       | - |
| ŀ        |          | 25        | _            | #              | 4            | $\perp$   | 1            | 1            | 1        | 4        | 4         | $\perp$  |              |          | 75       | _            |          |          |              | Ι       |           |            |              | $\exists$ |                     | 7        |          | 125      | +        | +             | +        | +        | - |
| ŀ        | "        | 26<br>27  |              | #              | ╫            | ╀         | ╀            | ╀            | ╀        | ╀        | ╀         | ₋        | ļ            | Ļ        | 76       | _            | _        | L        | L            | 1       | 1         |            | _            | J         |                     |          |          | 126      |          | T             | $\top$   | +        | - |
| ŀ        | Ù        | 28        | _            | H              | ╫            | ╁         | +-           | ╀            | ╁        | ╀╌       | +         | +        |              | -        | 77<br>78 |              | L        | _        | <del> </del> | +       | 4         | 4          | 4            | 4         | 4                   | 1        | _        | 127      |          | I             | I        | I        |   |
| +        |          | 29        | •            | † <del>`</del> | ť            | +         | ┿            | +            | +        | ╁        | ╁         | ╁        | 1            | -        | 79       |              | -        | _        | ┼-           | ╀       |           | -          | 4            | +         | +                   | -        | $\perp$  | 128      | 1        | _             | L        | I        | _ |
|          |          | 30        | _            |                | T            | T         | $^{\dagger}$ | +-           | +        | ╁        | +-        | ╆        | 1            |          | 80       |              |          | $\vdash$ | -            | ╁       | +         | +          | +            | +         | +                   | -[       | $\vdash$ | 129      | +-       | 4             | +        | _        | _ |
|          |          | 31        |              |                |              |           | 1            | 1            | 1        | T        | 1         | $\vdash$ | 1            | _        | 81       | _            |          | Н        | +-           | ۰       | +         | +          | +            | +         | ╁                   | 1        | -        | 131      | +-       | ╀             | +        | +        |   |
| <u> </u> |          | 32        |              | Ŀ              | L            | $\Gamma$  |              |              |          | L        |           |          |              |          | 82       |              |          | _        | T            | T       | +         | +          | $^{\dagger}$ | +         | +-                  | 1        | -        | 132      | +-       | +             | +-       | +        | - |
| L        |          | 33        | _            | L              | ┺            | <u> </u>  | <u> </u>     | 1_           | L        | _        |           |          |              |          | 83       |              |          |          |              |         | T         | 1          | 7            | 1         | 1                   | 1        | $\vdash$ | 133      | 1-       | +-            | +-       | ╁        | - |
| Ŋ.       |          | 34<br>35  |              | ⊢              | ⊢            | $\vdash$  | ╄            | -            | $\vdash$ | ╀        | ╄         | <u> </u> |              | _        | 84       | _            | _        |          | L            | L       | Ι         |            | Ι            | $\perp$   |                     | ]        |          | 134      | 1        | $^{\dagger}$  | +        | +        | - |
| ï        |          | 36        | _            | ┝              | ╁            | ┝         | $\vdash$     | ╁            | ├        | ╁        | ╀         |          |              | _        | 85<br>86 | _            | _        | _        | L            | ╀       | 1         | 4          | $\perp$      | _         | 1                   | 1        | L.       | 135      |          | $\Gamma$      |          | $\top$   |   |
| -        | 1        | 37        | _            | -              | t            | -         | +-           | ╁            | +        | ╁╌       | ╁         | -        |              | -        | 87       |              | -        |          | ┝            | ╀       | +         | +          | +            | +         | 4                   | -        | <u> </u> | 136      | 1        | $\perp$       | 丄        |          | _ |
| r        |          | 8         | _            | H              | $\vdash$     |           | 1            | ┰            | ├-       | ┢        | -         | -        |              | $\neg$   | 88       | 4            | -        | _        | -            | ┝       | ╀         | +          |              | +         | ┿                   | ┨        |          | 137      | ╄        | $\perp$       | ╄        | 1        | _ |
|          |          | 39        |              |                |              |           | _            |              | T        | 1        | $\vdash$  |          |              | ٦        | 89       | 7            | $\dashv$ |          | H            | H       | ╁         | +          | ╁            | +-        | +                   | 1        | _        | 138      | +-       | ┼             | ┼        | ╁-       |   |
| L        | 4        | ю         |              |                |              |           |              |              |          | Ī        | 1         |          |              |          | 90       | 7            | 7        |          | _            | 1       | t         | $^{+}$     | +            | +         | +-                  | 1        |          | 140      | ╁        | ┼             | ┼        | ┼        | - |
| L        | _        | 11        | _            |                | i            |           |              |              |          |          | Г         |          |              |          | 91       | 7            | 7        | _        | _            | -       | +         | +          | +            | +         | +                   | 1        | _        | 141      | ╫        | ╁             | +-       | +-       | - |
| L        |          | 2         |              | ~              |              |           |              |              | ,        |          |           |          |              | ┪        | 92       | 7            | 7        | _        | _            | H       | 十         | +          | +            | $^{+}$    | +                   | 1        |          | 142      | +        | ┼-            | ╁        | +-       |   |
| ļ.,      | -        | 3         | _            | _              | _            | 7         |              | Ĺ            | Ľ        |          |           |          |              | -        | 93       |              |          |          |              |         | T         | 1          | †            | +         | 1                   | 1        |          | 143      | 1-       | +             | +        | $\vdash$ | i |
| -        |          | 5         | _            |                | _            | L         | _            | _            | L        | L        |           |          |              |          | 94       |              | floor    |          |              |         | Ι         | Ι          | I            | 1         | $\top$              | 1        | -        | 144      | $\vdash$ | $\vdash$      | 1        | 1        |   |
| $\vdash$ |          | 6         | 4            | <u> </u>       | -            | -         | ļ            | _            | -        | -        | <u> </u>  | Ц        |              | _        | 95       | 4            | 4        | _        |              | Ĺ       | L         | I          | I            | I         |                     | l        |          | 45       | 1        |               |          | 1        | ł |
| $\vdash$ | 14       |           | ٦            | ته             | -            | $\vdash$  | ├            | -            | ⊢        | $\vdash$ | -         | $\dashv$ | }            |          | 96<br>97 | 4            | 4        | _        |              | _       | 1         | 4          | 1            | 1         | 1                   |          |          | 46       |          |               |          |          | j |
| -        | 4        | L         | $\dashv$     |                | H            | -         | -            |              | -        |          | Н         | $\dashv$ | -            | -        | 97<br>98 | +            | +        | 4        | _            | _       | 1         | 4          | 4            | 4         | 1_                  |          | -        | 47       |          | L             |          |          | 1 |
| -        | 4        |           | ٦            |                | Н            | -         |              |              | -        |          |           | -        | H            |          | 98       | +            | $\dashv$ | $\dashv$ |              | _       | +         | +          | +            | +         | ┼                   | 1        |          | 48       | _        | _             | <u> </u> | Ľ        | 1 |
|          | 5        | 0         |              | _              |              |           |              |              | -        | -        | $\vdash$  | ᅱ        | -            |          | 00       | +            | +        | -        | -            | -       | +-        | +          | +            | ╁         | +-                  |          |          | 49       | ├        | -             |          | -        | f |

If more than 150 claims or 10 actions staple additional sheet here